# Continuous Release Reporting Form

Form Approved OMB No. 2050-0086 Expiration Date: 11-30-2018

SECTION I: GENER INFOR	RAL MATION	CR-ERNS Number: 826,309		
Date of Initial Release:	Ongoing	Date of Initial Call to NRC: 10/11/2002		
the ty	from the drop-down list, pe of report that you bmitting	itten Notification of a Change to Follow-up Report		
Signed Statement: I certify that the hazardous substance releases described herein are continuous and stable in quantity and rate under the definitions in 40 CFR 302.8(a) or 355.32 and that all submitted information is accurate and current to the best of my knowledge.  Date OVOS/16  Name and Position Kevin Largent - Managing Director Signature Kevin Largent - Managing Director				
Part A. Facility or Vessel Information				
Name of Facility or	Vessel Havana Power Station -	- Unit 6		
Person in Charge of Facility or Vessel	Name Kevin Largent  Phone Number +1 (309) 543-8	Position Managing Director  712 Alt Phone No. +1 (309) 262-2818		
Facility Address or Vessel Port of Registration	Street 15260 N. State Street Ro City Havana State	- County Indian		
Dun and Bradstreet Number for Facility 804,405,074				
E214-/M1	Latitude Deg 40 Min 16	Sec 47 Vessel LORAN Coordinates		
Longitude Deg 90 Min 4 Sec 48  NOTE: Latitude Longitude information can be obtained at the following websites: http://www.satsig.net/maps/lat-long-finder.htm. http://earth.google.com.and.http://www.census.gov/geo/landview. Do not use P.O. Box, Rural Route or Mailing Address. Use physical location only.				
Part B. Population Information				
Population Density	Select from the drop-down lis describes the population dens mile radius of your facility or	ity within a one- 101 - 500 persons		
Sensitive Populations and	Sensitive Populations or (e.g., elementary schools, hospitals, retion or wetlands)	Existincted Distance and Distance		
Ecosystems within One-Mile Radius	None			

Form Approved OMB No. 2050-0086 Expiration Date: 11-30-2018

SECTION II: SOURCE INFORMATION		CR-ERNS Number:	625,810
Part A: Basis for Asserting the Release is Conting For EACH source of a release of a hazardous substhe following information on a SEPARATE sheet.			
Name of Source: Havana Power Station - Unit 6			
1. Indicate whether the release from this source is eith	ner:		
		routine, anticipated	, intermittent & incidental to
Note that unanticipated events, such as spills, pipe in ceidents, do not qualify for reduced reporting under the otine of incidental to normal operations and, by definition ufficiently predictable or regular to be considered	er C on,	ERCLA section 103(f)(2). are not continuous or anti	Unanticipated events are
2. Provide a brief statement describing the basis for statement described the malfunction and explain continuous and stable in quantity and rate given the	in w	hy the release from the malfund	
Havana generates electricity by the combustion of sub-b	itun	ninous coal in Unit 6	
During the combustion process, the nitrogen that is pres the combustion air combine to form NOx. Prior to being large catalyst where the NOx reacts with the catalyst and Selective catalytic reduction removes between 80 and 90 power plant.	rele I anh	eased to the atmosphere, the e nydrous ammonia and is conve	xhaust gas is passed through a erted to nitrogen and water.
3. Identify below how you established the pattern or	rele	ase and calculated release estim	ates.
⊠ Release data	s	Engineering estimate 🗵	Best Professional judgment
Other -			

Form Approved OMB No. 2050-0086 Expiration Date: 11-30-2018

ECTION II: SOUR INFOI (contin	RMATION	CR-ERNS	Number:	625,810	
ame of Source:	Havana Power Station - Unit 6	5			
art B: Specific Inform					
ACH source.  FFECTED MEDIUM  of the release from this source.	d above, provide the follow  I. Identify the environmental make. If your source releases hazard t the release to EACH medium a fected.	edium (i.e., air, surfac	ce water, soil, or ore than one mo	or ground water) that is affected edium (e.g., a wastepile releas	ted ising
AIR If the medium a	affected is air, please also specify	y whether the source i	s a stack or a	ground-based area source.	
⊠ Stack Indica	te stack height in feet or meters		502.5 ft		
Stream	the release affects a <b>stream</b> , given	٦		rate, in cubic feet per second.	
	urface area of lake (in acres) the release affects a lake, give the		ige depth of lal		rs.
○ SOIL OR GROU	ND WATER				
If the release is on or	under ground, the location of pu	ıblic water supply wel	lls within two 1	miles.	
					_
associated with the continu values. Please note that the identified.	is not required to comply with the regula ous release. If this information is not p e units specified below are suggested uni	provided, EPA will make its. You may use other unit	conservative assu	amptions about the appropriate	·
	rovide the following information, if avail				
Inside diameter (feet or meters)		<u> </u>	Temp (degrees Fa	ahrenheit, Kelvin, or Celsius) 287 F	F
	ter, provide the following information, if velocity of surface water (feet/second)	available:		=====	

# Continuous Release Reporting Form

SECTION II: SOURCE II (continued)	SOURCE INFORMATION (continued)	Z O				CR-ERNS Number:		625,810	
Part C: Identity and Quantity of Each Hazardous Please provide a SEPARATE sheet for EACH source.	antity of Each F TE sheet for EAC		Substance or Mixture Released From Each Source	xture Rele	sased From	Each Source			r.
Name of Source:	Havana Power Station - Unit 6	on - Unit 6						- Andrews	
list each hazardous substance released from the source identified above and provide the following information.	released from the	source identified	above and prov	vide the folk	owing informa		where approprie	Include units where appropriate. Radionuclides in curies (Ci).	es (Ci).
Name of Hazardous Substance	e CASRN#	Non (in lbs., kg Upper Bound	Normal Range (in lbs., kg, or Ci per day) ar Bound Lower Bound		Number of Days Release Occurs (per year)	Total Quantity Released in Previous Year (in lbs., kg. or Ci)	antity evious Year	Period of the <u>Release</u>	he
Ammonia	7664-39-3	196 lbs.	0	311		47,593 lbs.		Jan - Dec	All Complete (Control of the Control
Hydrogen Fluoride		12 lbs	0	311		2,959	1	Jan - Dec	
					ASSETT THE PROPERTY OF THE PRO				And the second s
Annual management of the second secon					and the state of t				And the second s
	A.							***************************************	
sist each mixture released from the source identified above	m the source ident		and provide the following information.	wing inform		Include units where appropriate. Radionuclides in curies (Ci).	e. Radionuclid	es in curies (Ci).	
			Normal Range ( Components	Normal Range of OR Components	Normal Kange of   Mixture		Ę	Total Quantity of	3 - 17 - 17
Name of Hazardous Substance	fazardous ance ments CASRN#	Weight	(in lbs., kg, or Ci per day) (in lbs., kg, or Ci per day) Upper Lower Upper Lower Bound Bound Bound Bound	i per day) (i Lower Bound	n lbs., kg, or Ci Upper Bound		Number of Days Release Occurs (per year)	Mixture Keleased in Previous Year (in Ibs., kg or Ci)	the the Release
		1		NAME OF COLUMN ASSESSMENT OF C	ATT 100 CO.				
A PART OF THE PART					THE REAL PROPERTY OF THE PROPE	THE PERSON NAMED AND PASSED AND P	ALEXANDER STREET, STRE		THE REAL PROPERTY OF THE PERSON OF THE PERSO
					alis Alema Andreas de la companya d			Dage 4	T of D

Form Approved OMB No. 2050-0086 Expiration Date: 11-30-2018

CTION III: SUBSTANCE INFORMATIO	N	CR-ERNS Number:	625,810
culation of the SSI Trigger  EACH hazardous substance correleasing sources and their upp stance.			
ne of Hazardous Substance:	Ammonia		
calculate the SSI trigger (i.e., the uppove, aggregate the upper bounds of the ction II, Part C. If the hazardous substanponent as calculated in Section II, Part C.	normal range of the i ance is also a compon	dentified hazardous substance a ent of a mixture, be certain to in on of the SSI trigger.	cross all sources identified in nclude the upper bound of the
Name of Source(s)		Upper Bound of the N the Release (specify l	
Havana Power Station - Unit 6	196 II	os.	
	na ata inda (4.2 menteka kala)		
	Matter and American American American	100 - 100 -	
	CONTRACTOR AND		
	Canada Ca		
	,		
	ş	***************************************	
}	i		
TOTAL - SSI trigger for this	hazardous substa	nce release*: 196 lbs	

\* This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

Form Approved OMB No. 2050-0086 Expiration Date: 11-30-2018

ECTION III: SUBSTANCE INFORMATIO	N	CR-ERNS Number: 625,810
		ture indicated in Section II, Part C, list the names of use a SEPARATE sheet for EACH hazardous
ame of Hazardous Substance:	Hydrogen Fluoride	
bove, aggregate the upper bounds of the	e normal range of the id tance is also a compon	I range of a release) for the hazardous substance identified dentified hazardous substance across all sources identified in ent of a mixture, be certain to include the upper bound of the on of the SSI trigger.  Upper Bound of the Normal Range of
Name of Source(s)		the Release (specify lbs., kg., or Ci)
Havana Power Station - Unit 6	2,959	lbs.
	and the distinct the character of the ch	
	JACONSTITUTE OF THE PROPERTY O	
	manufacturament and all the delibrate grades and an artist and an artist and artist artist and artist artist and artist artist and artist and artist artist and artist artist artist artist and artist art	
1	) DDC000000004866466	

\* This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

Entreval to CRE.

### Dynegy Midwest Generation, Inc. Continuous Release Reporting February 2008

**Baldwin Energy Complex** CR-ERNS Number - 625807 Units 1, 2, and 3 – individual stacks

Chemicals Reported	Change in Upper Bounds
Hydrogen Fluoride	No Change
Mercury	No Change
Arsenic	No Change

**Baldwin Energy Complex** CR-ERNS Number - 625807 Units 1 and 2 (Unit 3 has no SCR – no ammonia released)

Chemicals Reported	Change in Upper Bounds
Ammonia	Initially reported in 2007 and updated in
	2008

Havana Power Station CR-ERNS Number - 625810 Unit 6

Change in Upper Bounds
No Change
Initially reported in 2007 and updated in 2008

Hennepin Power Station CR-ERNS Number – 711387 Units 1 and 2 – One Common Stack

Chemicals Reported	Change in Upper Bounds
Hydrogen Fluoride	No Change

Vermilion Power Station CR-ERNS Number – 625811 Units 1 and 2 – One Common Stack

Chemicals Reported	Change in Upper Bounds
Hydrochloric Acid (aerosol)	No Change
Hydrogen Fluoride	No Change

Wood River Power Station CR-ERNS Number – 625812 Units 4 and 5 – Separate Stacks

Chemicals Reported	Change in Upper Bounds
Hydrogen Fluoride	No Change

SECTION I: GENERAL INFORMATION			CR-ERNS Number: 826309		
Date of In	itial Release:	Ongoing		Date of Initial Call to NRC: 02/12/2007	
Type of Report: Indicate below the type of report you are submitting.  First Anniversary Written Notification of a Change to Initial Notification Follow-up Report  Follow-up Report  Follow-up Report					
Signed Statement: I certify that the hazardous substances releases described herein are continuous and stable in quantity and rate under the definitions in 40 CFR 302.8(a) or 355.4(a)(2)(iii) and that all submitted information is accurate and current to the best of my knowledge.  Kirk Millis, Plant Manager  Name and Position  Signature  Signature					
	Date :			Signature	
Part A. Faci	lity or Vessel I	<u>nformation</u>			
Name of Facility or Vessel Havana Power Station - Unit 6					
Person in Charge	Name of Person in Charge A. Kirk Millis				
of Facility	Position Plant Manager			Plant Manager	
or Vessel Facility	Telephone No. (30	9) 543-8712	in me	Alternate Telephone No. (309) 543-8751	
Address or Vessel	Street	15260 N. State S	Stree	t County Mason	
Port of Registration	City	Havana	ave .	State IL Zip Code 62644	
	dstreet Number	for Facility		804405074	
Facility/Vess Location		Deg 40 Mir Deg 90 Mir		16 Sec 47 Vessel LORAN Coordinates 04 Sec 48	
Part B. Population Information					
Population Density					
Sensitive Populations and Ecosystems Within One Mile Radius	1277 124 144 144 144 144 144 144 144 144 144	ve Populations or E pitals, wetlands, w		And the second of the second o	

**CR-ERNS Number:** 

826309

# Part A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate.

For EACH source of a release of a hazardous substance or mixture from your facility or vessel, provide the following information on a SEPARATE sheet. Photocopy this page if necessary.

Name of Source:	Havana Power Station	- Unit 6
1. Indicate whether the release	from this source is either:	
continuous without interruption	on X OR routine, anticipate	ed, intermittent
	t results in the release from this source (e.g., bat malfunction and explain why the release from th ntity and rate.*	
avana generates electricit	y by the combustion of sub-bituminous	coal in Unit 6.
THE		
3. Identify below how you est	ablished the pattern of release and calculated rel	ease estimates.
Past release data	Knowledge of the facility/vessel's operations and release history	Engineering estimate
<b>X</b> AP-42	Best professional judgment	Other (explain)
	CHICANI MANDA	

<sup>\*</sup> Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated, and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION I	SOURCE
	INFORMATION
	(continued)

**CR-ERNS Number:** 

826309

Name of Source:	Havana Power Station - Unit 6
Part B: Specific Information	ı on the Source
For the source identified above, sheet for EACH source. Photo	e, provide the following information. Please provide a SEPARATE ocopy this page if necessary.
affected by the release from this source	e environmental medium (i.e., air, surface water, soil, or ground water) that is e. If your source releases hazardous substances to more than one medium (e.g., a water), treat the release to <b>EACH</b> medium as a separate source and complete ormat for <b>EACH</b> medium affected.
AIR _x (stack or area source is a stack or a ground-base	) If the medium affected is air, please also specify whether the ed area source.
If identified source is a stack	k, indicate stack height: feet or meters; <b>OR</b>
1	ea source (e.g., waste pile, landfill, valves, tank vents, pump seals, fugitive area: square feet or square meters.
SURFACE WATER (stre	eam, lake, or other)
If the release affects any sur	rface water body, give the name of the water body.
	um, give the stream order or average flow rate, in cubic feet per second.
	erage flow rate: cubic feet/second; <b>OR</b> , give the surface area of the lake in acres and the average depth in meters.
	acres and average depth of lake: meters.
SOIL OR GROUND WATER	
	indicate the distance to the closest water well.
	militare the distance to the crosses.
	Optional Information
evaluating the risks associated w	ot required in the final rule; however, such information will assist EPA in with the continuous release. If this information is not provided, EPA will ns about the appropriate values. Please note that the units specified below

are suggested units. You may use other units; however, be certain that the units are clearly identified.

Inside diameter
Gas Exit Velocity

Gas Temperature

20 ft. feet or meters
feet/second or meters/second
Gas Temperature

287 F degrees Fahrenheit,
Kelvin, or Celsius

For a stack release to air, provide the following

For a release to surface water, provide the following information, if available:

Average Velocity \_\_\_\_\_ feet/second of Surface Water

SOURCE INFORMATION (continued) SECTION II.

CR-ERNS Number:

625810

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source:

Havana Power Station - Unit 6

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Number of Days Release Occurs (per year) (in lbs. or kg per day)\* Normal Range

Upper Bound Name of Hazardous Substance CASRN #

7664-41-7

Ammonia

Lower Bound

Months of the Release Released in Previous Year Total Quantity (in lbs. or kg)\*

16,806 lbs.

Jan. thru Dec.

What I want to the state of the

285 days

No Change on 14 per lette of 3/6/08

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Hazardous Substance Name of

CASRN#

Components

(in lbs. or kg per day)\* Lower Bound Upper Bound Percentage Weight

(in lbs. or kg per day)\* Upper Lower
Bound Bound Mixture

Normal Range of

Normal Range of

Number of Total Quantity of Days Release Mixture Released in Previous Year (in lbs. or kg) (per year) Occurs

Months of the Release

Name of Mixture Not Applicable \* Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

# SECTION III: SUBSTANCE INFORMATION

**CR-ERNS Number:** 

826309

### Calculation of the SSI Trigger

For EACH hazardous substance or hazardous substance component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance. Photocopy this page if necessary.

Name of Hazardous Substance:

Ammonia CAS # 7664-41-7

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger.

Name of Source(s)

<u>Upper Bound of the Normal Range of</u> <u>the Release (specify lbs., kg, or Ci)</u>

Havana Power Station - Unit 6

75 lbs

**TOTAL** - SSI trigger for this hazardous substance release\*:

75

\* This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate, so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

SECTION I: GENERAL INFORMATION				CR-ERNS Number: 826309			
Date of Ini	Date of Initial Release: Ongoing			Date of Initial Call to NRC: 02/12/2007			
	port: Indicate bel	ow the type of report  First Anniversary Follow-up Report	-	u are submitting.  Written Notification  of a Change to  Initial Notification  Follow-up Report			
Signed Statement: I certify that the hazardous substances releases described herein are continuous and stable in quantity and rate under the definitions in 40 CFR 302.8(a) or 355.4(a)(2)(iii) and that all submitted information is accurate and current to the best of my knowledge.  Kirk Millis, Plant Manager  Name and Position							
3	[22/2007] Date			KirkMillis			
	Date			Signature			
Part A. Faci	lity or Vessel L	<u>ıformation</u>		·			
Name of Facility or Vessel			ŀ	Havana Power Station - Unit 6			
Person in Charge	Name of Person in Charge A. Kirk Millis						
of Facility	Position	_		Plant Manager			
or Vessel	Telephone No. (30	9) 543-8712		Alternate Telephone No. (309) 543-8751			
Facility Address or Vessel	Street	15260 N. State S	tree	et County Mason			
Port of Registration	City	Havana		State IL Zip Code 62644			
_	dstreet Number	for Facility		804405074			
Facility/Vess Location	1	Deg Min Deg Min		16         Sec         47         Vessel LORAN Coordinates           04         Sec         48			
Part B. Population Information							
Population Density	Choose the range that describes the population density within a one-mile radius of your facility or vessel (Indicate by placing an "X" in the appropriate blank below).  0 - 50 persons						
Sensitive Populations and Ecosystems Within One Mile Radius	1	ve Populations or E spitals, wetlands, wi		·			

**CR-ERNS Number:** 

826309

# Part A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate.

For EACH source of a release of a hazardous substance or mixture from your facility or vessel, provide the following information on a SEPARATE sheet. Photocopy this page if necessary.

Name of Source:	Havana Power Station - Unit 6				
1. Indicate whether the release fi	rom this source is either:				
continuous without interruption	on X OR routine, anticipated, intermittent	•			
If malfunction, describe the m continuous and stable in quan	•				
navaria generates electricity	by the combustion of sub-bituminous coal in Unit 6.				
MINISTER OF CONTROL OF					
3. Identify below how you esta	ablished the pattern of release and calculated release estimates.	denoche de la constant de la constan			
X Past release data	Knowledge of the facility/vessel's Engineering operations and release history	estimate			
<b>x</b> AP-42	Best professional judgment Other (exp	lain)			
можника постоя поставления поставления поставления поставления поставления поставления поставления поставления					

<sup>\*</sup> Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated, and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II:	SOURCE
	<b>INFORMATION</b>
	(continued)

meters/second

Kelvin, or Celsius

Gas Exit Velocity 81 ft/sec. feet/second or

Gas Temperature 287 F degrees Fahrenheit,

**CR-ERNS Number:** 

826309

Name of Source: Havai	na Power Station - Unit 6					
Part B: Specific Information on the Source For the source identified above, provide the following th						
sheet for EACH source. Photocopy this page if t	necessary.					
AFFECTED MEDIUM. Identify the environmental medium affected by the release from this source. If your source release wastepile releasing to air and ground water), treat the release Section II, Parts A, B, and C, of this format for EACH medium in the section II, Parts A, B, and C, of this format for EACH medium in the section II, Parts A, B, and C, of this format for EACH medium in the section II.	ses hazardous substances to more than one medium (e.g., a e to EACH medium as a separate source and complete					
AIR _x (stack or area) If the mediu source is a stack or a ground-based area source.	m affected is air, please also specify whether the					
If identified source is a stack, indicate stack heigh	nt: 502.5 ft. feet or meters; <b>OR</b>					
If identified source is an area source (e.g., waste )	TC:1 //C 1					
SURFACE WATER (stream, lake	, or other)					
If the release affects any <b>surface water body</b> , give the name of the water body.						
1	If the release affects a <b>stream</b> , give the stream order or average flow rate, in cubic feet per second.  stream order: or average flow rate: cubic feet/second; <b>OR</b>					
	of the lake in acres and the average depth in meters.					
surface area of lake: acres and average de	pth of lake: meters.					
SOIL OR GROUND WATER  If the release is on or under ground, indicate the distance t	to the closest water well.					
Ontional Int	C /					
Optional Int	formation					
The following information is not required in the final evaluating the risks associated with the continuous rel make conservative assumptions about the appropr are suggested units. You may use other units; however	lease. If this information is not provided, EPA will itate values. Please note that the units specified below					
For a stack release to air, provide the following information, if available:  Inside diameter	For a release to surface water, provide the following information, if available:  Average Velocity feet/second of Surface Water					

SECTION II: SOURCE INFORMATION (continued)

CR-ERNS Number:

625810

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source:

Havana Power Station - Unit 6

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Number of Days Release Occurs (in lbs. or kg per day)\* Normal Range CASRN#

(per year)

Released in Previous Year Total Quantity (in lbs. or kg)\*

Months of the Release

Name of Hazardous Substance

Upper Bound Lower Bound 111 lbs. 7664-41-7

19,513 lbs.

Jan. thru Dec.

Ammonia

333 days

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

CASRN# Substance Components Hazardous Name of

(in lbs. or kg per day)\* Lower Bound Components Upper Bound Percentage Weight

(in lbs. or kg per day)\* Bound Bound Upper

Normal Range of

Normal Range of

Mixture

Total Quantity of Number of 10tal Quantity of Days Release Mixture Released in Previous Year (in lbs. or kg) (per year) Occurs

Months

Release

Name of Mixture Not Applicable \* Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

# SECTION III: SUBSTANCE INFORMATION

**CR-ERNS** Number:

826309

### Calculation of the SSI Trigger

For EACH hazardous substance or hazardous substance component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance. Photocopy this page if necessary.

Name of Hazardous Substance	•	
-----------------------------	---	--

Ammonia CAS # 7664-41-7

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger.

Name of Source(s)

<u>Upper Bound of the Normal Range of</u> <u>the Release (specify lbs., kg, or Ci)</u>

Havana Power Station - Unit 6

111 lbs

TOTAL - SSI trigger for this hazardous substance release\* : \_

111 lhe

\* This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate, so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

SECTION I: GENERAL INFORMATION				CR-ERNS N	lumber:		625810
Date of In	itial Release:	Ongoing		Date of Initia	l Call to N	NRC:	10/11/2002
Type of Report: Indicate below the type of report of First Anniversary  Initial Written Notification Follow-up Report				are submitting. Written Notific of a Change to Initial Notificat	×	of a (	en Notification Change to ow-up Report
quantity and ra	<b>Signed Statement:</b> I certify that the hazardous subst quantity and rate under the definitions in 40 CFR 302.8(a) accurate and current to the best of my knowledge.				id that all sub s, Plant Ma	mitted in anager	
	2/28/2006				e and Positio	n .	
	Date			Kür	ignature	<u> </u>	
Part A. Faci	lity or Vessel Ir						
Name of Facility or Vessel			Havana Power Station - Unit 6				
Person in Charge	Name of Person in	Charge		A. K	irk Millis		
of Facility or Vessel	Position			Plant Manage			
Facility	Telephone No. (309	543-8712		Alternate Tel	ephone No. (	(309)	543-8751
Address or Vessel	Street	15260 N. State St	ree	t C	ounty	M	lason
Port of Registration	City	Havana		St	tate IL	Zip Co	ode 62644
J	dstreet Number	for Facility			804405074		
Facility/Vess Location	i	Deg 40 Min Deg 90 Min		6 Sec 47 4 Sec 48	Vesse	l LOR	AN Coordinates
Part B. Population Information							
Population Density	Choose the range that describes the population density within a one-mile radius of your facility or vessel (Indicate by placing an "X" in the appropriate blank below).  0 - 50 persons * 101 - 500 persons more than 1000 persons 51 - 100 persons 501 - 1000 persons						
Sensitive Populations and Ecosystems Within One Mile Radius		ve Populations or Ec pitals, wetlands, wil			Distance ar	nd direct	ion from facility

**CR-ERNS** Number:

625810

## Part A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate.

For EACH source of a release of a hazardous substance or mixture from your facility or vessel, provide the following information on a SEPARATE sheet. Photocopy this page if necessary.

Name of Source:	Havana Power Station - Unit 6				
1. Indicate whether the release f	rom this source is either:				
continuous without interruptio	n X OR routine, anticipated, intermittent				
Identify the activity(ies) that results in the release from this source (e.g., batch process, filling of a storage tank).  If malfunction, describe the malfunction and explain why the release from the malfunction should be considered continuous and stable in quantity and rate.*  Havana generates electricity by the combustion of sub-bituminous coal in Unit 6.					
3. Identify below how you esta	ablished the pattern of release and calculated release estimates.				
_ <b>X</b> Past release data	Knowledge of the facility/vessel's Engineering estima operations and release history	ite			
_ <b>★</b> _ AP-42	Best professional judgment Other (explain)				
Secretary and the secretary an					

<sup>\*</sup> Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated, and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION	II:	SOURCE
		<b>INFORMATION</b>
		(continued)

**CR-ERNS Number:** 

625810

Name of Source:	ame of Source: Havana Power Station - Unit 6					
Part B: Specific Informatio	n on the Source	TA A DOMINIO DE LO DESTE DE LA COMENCIA DE LA COME				
-	e, provide the following info	ormation. Please provide a SEPARATE y.				
affected by the release from this sour	te. If your source releases hazard water), treat the release to EACH	s, surface water, soil, or ground water) that is ous substances to more than one medium (e.g., a medium as a separate source and complete ed.				
AIR × (stack or a ground-base		l is air, please also specify whether the				
If identified source is an an	ek, indicate stack height: 502.5 h. fe ea source (e.g., waste pile, landfi e area: square feet or squar	ll, valves, tank vents, pump seals, fugitive				
SURFACE WATER (st	eam, lake, or other					
If the release affects any st	ırface water body, give the name	e of the water body.				
stream order: or a  If the release affects a lake	verage flow rate: cubic feet	in acres and the average depth in meters.				
SOIL OR GROUND WATER  If the release is on or under ground		est water well.				
	Optional Informatio	Ti and the second secon				
evaluating the risks associated make conservative assumption	with the continuous release. If the ons about the appropriate values	ver, such information will assist EPA in his information is not provided, EPA will s. Please note that the units specified below hin that the units are clearly identified.				
Gas Exit Velocity 81 ft/sec. fe	teet or meters A eet/second or eters/second	For a release to surface water, provide the following information, if available:  average Velocity feet/second  f Surface Water				

Kelvin, or Celsius

SOURCE INFORMATION (continued) SECTION II:

CR-ERNS Number:

625810

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source:

Havana Power Station - Unit 6

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Released in Previous Year Total Quantity Number of Days Release Occurs (in lbs. or kg per day)\* Normal Range

(per year) 272 days Lower Bound Upper Bound 756 lbs. CASRN# 7664-39-3 Name of Hazardous Substance Hydrogen Fluoride

Months of the Jan. thru Dec. (in lbs. or kg)\* 144,231 lbs. List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.) Normal Range of

(in lbs. or kg per day)\* Normal Range of Components

Lower Bound Upper Bound Weight Percentage

CASRN#

Substance Components

Name of Mixture

Hazardous Name of

Number of 10tal Quantity of Days Release Mixture Released Occurs in Previous Year (in lbs. or kg) (per year) (in lbs. or kg per day)\* Lower Upper Lower Bound Bound

Release

Months ofthe

Total Quantity of

Not Applicable

<sup>\*</sup> Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

# SECTION III: SUBSTANCE INFORMATION

**CR-ERNS Number:** 

625810

### Calculation of the SSI Trigger

For EACH hazardous substance or hazardous substance component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance. Photocopy this page if necessary.

Name	of Haza	zuobre	Substa	nce:
ITUREIL	ULLIAZA	uuuu	L. LL LA DEG	

Hydrogen Fluoride CAS # 7664-39-3

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger.

Name of Source(s)

<u>Upper Bound of the Normal Range of</u> the Release (specify lbs., kg, or Ci)

Havana Power Station - Unit 6

756 lbs

756 lbs

TOTAL - SSI trigger for this hazardous substance release\*:

<sup>\*</sup> This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate, so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

SECTION I	: GENERAL INFORMAT	ΓΙΟΝ		CR-ERNS Nu	mber:	6258	10
Date of Ini	itial Release:	Ongoing		Date of Initial	Call to N	RC: 10/	11/2002
	port: Indicate bel	First Anniversary Follow-up Report	***	are submitting. Written Notificate of a Change to Initial Notificatio		Written No of a Chang Follow-up	e to
Signed Statement: I certify that the hazardous substances releases described herein are continuous and stable in quantity and rate under the definitions in 40 CFR 302.8(a) or 355.4(a)(2)(iii) and that all submitted information is accurate and current to the best of my knowledge.  Richard W. Eimer, Jr., Sr. Vice President  Name and Position							
	1/26/2004 Date		B	ieland WE	nature	ı	
Part A. Faci	lity or Vessel Ir	<u>nformation</u>					
	Name of Facility or Vessel Ha		Havana Power Station - Unit 6				
Person in Charge	Name of Person in	Charge		A. Kirl	< Millis		
of Facility	Position	2227		Plant Manager			
or Vessel	Telephone No. (309	9) 543-227 ext.212		Alternate Telep	hone No. (	309) 543-222	7 ext.251
Facility Address or	Street	15260 N. State S	tree	t Cou	inty	Mason	
Vessel Port of	City	Havana		Stat	e IL	Zip Code	62644
Registration Dun and Bra	dstreet Number	for Facility		8	304405074		
Facility/Vesso Location		Deg Min Deg Min	_	16 Sec 47 04 Sec 48	Vesse	I LORAN C	Coordinates
Part B. Pop	ulation Inform	ation					
Population Density	Population Choose the range that describes the population density within a one-mile radius of your facility or vessel (Indicate by placing an "X" in the appropriate blank below).						
Sensitive Populations and Ecosystems Within One Mile Radius		ve Populations or E pitals, wetlands, wi			Distance ar	nd direction f	rom facility

**CR-ERNS** Number:

625810

# Part A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate.

For EACH source of a release of a hazardous substance or mixture from your facility or vessel, provide the following information on a SEPARATE sheet. Photocopy this page if necessary.

Name of Source:	Havana Power Station - Unit 6
Indicate whether the release from thi	is source is either:
continuous without interruption	X OR routine, anticipated, intermittent
If malfunction, describe the malfunct continuous and stable in quantity and	<b>**</b>
lavana generates electricity by th	ie combustion of coal in Unit 6.
	6 times of the state of the sta
3. Identify below how you established	d the pattern of release and calculated release estimates.
	d the pattern of release and calculated release estimates.  Knowledge of the facility/vessel's Engineering estimate operations and release history
X Past release data	Knowledge of the facility/vessel's Engineering estimate
Past release data  AP-42	Knowledge of the facility/vessel's Engineering estimate operations and release history Other (explain)
Past release data  AP-42	Knowledge of the facility/vessel's Engineering estimate operations and release history
Past release data  AP-42	Knowledge of the facility/vessel's Engineering estimate operations and release history Other (explain)

<sup>\*</sup> Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated, and are not sufficiently predictable or regular to be considered stable in quantity and rate.

CR-ERNS Number:

SECTION II: SOURCE INFORMATION

(continued)

625810

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source:

Havana Power Station - Unit 6

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Released in Previous Year Months of the Total Quantity Number of Days Release Occurs (in lbs. or kg per day)\* Normal Range

Jan. thru Dec. (in lbs. or kg)\* 159,724 lbs. (per year) 299 days Lower Bound Upper Bound 694 lbs. CASRN# 7664-39-3 Name of Hazardous Substance Hydrogen Fluoride List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of

Days Release Mixture Released Number of (per year) Occurs (in lbs. or kg per day)\* (in lbs. or kg per day)\* Normal Range of Components Hazardous Name of

Upper Lower Bound Bound Lower Bound Upper Bound Percentage CASRN# Substance Components Name of Mixture

Not Applicable

Release

Months ofthe

Total Quantity of

in Previous Year (in lbs. or kg) \* Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

### SECTION III: SUBSTANCE INFORMATION

**CR-ERNS Number:** 

625810

### Calculation of the SSI Trigger

For EACH hazardous substance or hazardous substance component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance. Photocopy this page if necessary.

Name of Hazardous Substance:

Hydrogen Fluoride CAS # 7664-39-3

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger.

Name of Source(s)

Upper Bound of the Normal Range of the Release (specify lbs., kg, or Ci) 694 lbs

Havana Power Station - Unit 6

TOTAL - SSI trigger for this hazardous substance release\* : \_\_\_\_\_

694 lbs

<sup>\*</sup> This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate, so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

SECTION 1	: GENERAL INFORMATIO	DN	CR-ERNS N	umber:	6258	10
Date of In	itial Release:	Ongoing	Date of Initia	l Call to N	NRC: 10/	11/2002
	Type of Report: Indicate below the type of report you are submitting.  First Anniversary Written Notification of a Change to Report Initial Notification Follow-up Report  Follow-up Report  Follow-up Report					e to
Signed Statement: I certify that the hazardous substances releases described herein are continuous and stable in quantity and rate under the definitions in 40 CFR 302.8(a) or 355.4(a)(2)(iii) and that all submitted information is accurate and current to the best of my knowledge.  Richard W. Eimer, Jr., Sr. Vice President						
	11/6/2002 Date	_	ulat It	e and Positio	n und	
Part A. Faci	lity or Vessel Infor	mation				
:\	ility or Vessel		Havana Pow	er Station		
Person in Charge	Name of Person in Char	rge	A. K	irk Millis		
of Facility or Vessel	Position		Plant Manager			
Facility	Telephone No. (309) 5		-		309 <sub>)</sub> 543-222	7 ext.251
Address or Vessel	Street 1	5260 N. State Stree	et Co	ounty	Mason	
Port of Registration	City	Havana	St	ate IL	Zip Code	62644
· ·	dstreet Number for	Facility		804405074		
Facility/Vesso Location	Latitude Deg Longitude Deg		16 Sec 47 04 Sec 48	Vesse	I LORAN C	oordinates
Part B. Pop	ulation Informati	o <u>n</u>		Recovered to		
Population Density	Choose the range that de (Indicate by placing an 0 - 50 per 51 - 100	"X" in the appropria		ıs		lity or vessel 1000 persons
Sensitive Populations and Ecosystems Within One Mile Radius	Sensitive P (e.g., schools, hospital	opulations or Ecos ls, wetlands, wildli	-	Distance ar	nd direction fr	om facility

Name of Source

**CR-ERNS Number:** 

Havana Power Station - Unit 6

625810

# Part A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate.

For EACH source of a release of a hazardous substance or mixture from your facility or vessel, provide the following information on a SEPARATE sheet. Photocopy this page if necessary.

mulcate whether the release it	om this source is	either:	
continuous without interruption	nX	OR routine, anticipate	ed, intermittent
. Identify the activity(ies) that is If malfunction, describe the m continuous and stable in quant	alfunction and ex	ase from this source (e.g., bat plain why the release from th	cch process, filling of a storage tank ne malfunction should be considere
vana generates electricity	by the combu	stion of coal in Unit 6.	
<b>5</b> ,			
		N. Carlotte and Ca	
A CONTROL OF THE CONT		- CHARLES AND CONTROL OF THE CONTROL	**************************************
	1.1:-11.41	w of volumes and colorilated to	Joseph agrimutag
2 11-46-1-1-5	nusnea ine nauer	n or release and calculated re	lease estimates.
3. Identify below how you esta	_		
	Knowle		Engineering estimate
	Knowle operati	dge of the facility/vessel's	Engineering estimate Other (explain)
Past release data  AP-42	Knowle operati	dge of the facility/vessel's ons and release history ofessional judgment	Other (explain)
Y Past release data	Knowle operati	dge of the facility/vessel's ons and release history ofessional judgment	Other (explain)
Past release data  AP-42	Knowle operati	dge of the facility/vessel's ons and release history ofessional judgment	Other (explain)

<sup>\*</sup> Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated, and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II:	SOURCE
	<b>INFORMATION</b>
	(continued)

Inside diameter 20 ft. feet or meters Gas Exit Velocity 81 ft/sec. feet/second or

Gas Temperature 287 F degrees Fahrenheit,

meters/second

Kelvin, or Celsius

**CR-ERNS Number:** 

625810

Name of Source: Havar	na Power Station - Unit 6
Part B: Specific Information on the Source	
For the source identified above, provide the follow sheet for EACH source. Photocopy this page if t	<del>-</del> •
AFFECTED MEDIUM. Identify the environmental mediu affected by the release from this source. If your source release wastepile releasing to air and ground water), treat the release Section II, Parts A, B, and C, of this format for EACH median	ses hazardous substances to more than one medium (e.g., a e to EACH medium as a separate source and complete
AIR _ x (stack or area) If the mediu source is a stack or a ground-based area source.	m affected is air, please also specify whether the
If identified source is a stack, indicate stack heigh	at: feet or meters; <b>OR</b>
If identified source is an area source (e.g., waste pemissions), indicate surface area: square fe	pile, landfill, valves, tank vents, pump seals, fugitive eet or square meters.
SURFACE WATER, lake	_ , or other)
If the release affects any surface water body, giv	e the name of the water body.
If the release affects a stream, give the stream order: or average flow rate:	_
_	of the lake in acres and the average depth in meters.
surface area of lake: acres and average de	pth of lake: meters.
SOIL OR GROUND WATER	
If the release is on or under ground, indicate the distance t	to the closest water well.
Optional In	formation
The following information is not required in the final evaluating the risks associated with the continuous re-	rule; however, such information will assist EPA in lease. If this information is not provided, EPA will riate values. Please note that the units specified below
For a stack release to air, provide the following information, if available:  Inside diameter 20 ft. feet or meters  Gas Exit Velocity 81 ft/sec. feet/second or	For a release to surface water, provide the following information, if available:  Average Velocity feet/second of Surface Water

(continued)

CR-ERNS Number:

625810

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source:

Havana Power Station - Unit 6

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Released in Previous Year Months of the Total Quantity Number of Days Release Occurs (in lbs. or kg per day)\* Normal Range

Jan. thru Dec.

(in lbs. or kg)\* (per year) Lower Bound CASRN#

54,254 lbs. 230 days Upper Bound 354 lbs. 7664-39-3 Name of Hazardous Substance Hydrogen Fluoride List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of

Number of Total Quantity of Days Release Mixture Released Total Quantity of in Previous Year (per year) Occurs (in lbs. or kg per day)\*
Upper Lower

Bound Bound Mixture (in lbs. or kg per day)\* Normal Range of Lower Bound Components Upper Bound Percentage Weight CASRN# Substance Components Hazardous Name of Name of Mixture

Release

(in lbs. or kg)

Months of the

Not Applicable

\* Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

# SECTION III: SUBSTANCE INFORMATION

**CR-ERNS Number:** 

625810

### Calculation of the SSI Trigger

For EACH hazardous substance or hazardous substance component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance. Photocopy this page if necessary.

Name of Hazardous Substance:

Hydrogen Fluoride CAS # 7664-39-3

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger.

Name of Source(s)

Upper Bound of the Normal Range of the Release (specify lbs., kg, or Ci) 354 lbs

Havana Power Station - Unit 6

TOTAL - SSI trigger for this hazardous substance release\*: 354 lbs

<sup>\*</sup> This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate, so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

SECTION I: GENERAL INFORMATION			CR-ERNS N	umber:	6258	10	
Date of In	itial Release:	Ongoing		Date of Initia	l Call to N	I <b>RC:</b> 10/	11/2002
	Type of Report: Indicate below the type of report you are submitting.  First Anniversary Written Notification of a Change to Report Initial Notification Follow-up Report  Follow-up Report					e to	
Signed Statement: I certify that the hazardous substances releases described herein are continuous and stable in quantity and rate under the definitions in 40 CFR 302.8(a) or 355.4(a)(2)(iii) and that all submitted information is accurate and current to the best of my knowledge.  Richard W. Eimer, Jr., Sr. Vice President  Name and Position							
	11/14/2002 Date		R	e land W	ignature (		
Part A. Faci	lity or Vessel I	nformation					
Name of Faci	Name of Facility or Vessel Havana Power Station - Unit 6						
Person in Charge	Name of Person in	Charge		A. K	irk Millis		
of Facility	Position			Plant Manager	-		
or Vessel	Telephone No. (30	9) 543-227 ext.212		Alternate Tel	ephone No. (	309 <sub>)</sub> 543-222	7 ext.251
Facility Address or	Street	15260 N. State S	tree	t C	ounty	Mason	
Vessel Port of	City	Havana		St	tate IL	Zip Code	62644
Registration  Dun and Bra	dstreet Numbei	r for Facility			804405074		
Facility/Vesso Location	Latitude Longitude	Deg40 Min Deg90 Min		16 Sec 47 04 Sec 48	_ Vesse	l LORAN C	oordinates
Part B. Pop	Part B. Population Information						
Population Density  Choose the range that describes the population density within a one-mile radius of your facility or vessel (Indicate by placing an "X" in the appropriate blank below).  0 - 50 persons * 101 - 500 persons more than 1000 persons 51 - 100 persons 501 - 1000 persons							
Sensitive Populations and Ecosystems Within One Mile Radius	Sensitive Populations and Ecosystems Within One  Sensitive Populations or Ecosystems (e.g., schools, hospitals, wetlands, wildlife preserves, etc.)  None  Distance and direction from facility  None						

**CR-ERNS Number:** 

625810

# Part A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate.

For EACH source of a release of a hazardous substance or mixture from your facility or vessel, provide the following information on a SEPARATE sheet. Photocopy this page if necessary.

Name of Source:	Havana Power Station - Unit 6				
1. Indicate whether the release f	om this source is either:				
continuous without interruptio	n X OR routine, anticipated, intermittent				
Identify the activity(ies) that     If malfunction, describe the m     continuous and stable in quan	results in the release from this source (e.g., batch process, filling of a storage tank). alfunction and explain why the release from the malfunction should be considered tity and rate.*				
Havana generates electricity	by the combustion of bitimunous coal in Unit 6.				
3. Identify below how you esta	blished the pattern of release and calculated release estimates.				
Past release data	Knowledge of the facility/vessel's Engineering estimate operations and release history				
<b>X</b> AP-42	Best professional judgment Other (explain)				

<sup>\*</sup> Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated, and are not sufficiently predictable or regular to be considered stable in quantity and rate.